

# SEQUENCE LISTING

<110> Lizardi, Paul M.

<120> Artificial Long Terminal Repeat Vectors

<130> YU 125

<140> 09/396,340

<141> 1999-09-15

<150> 60/100,305

<151> 1998-09-15

<160> 9

<170> PatentIn Ver. 2.1

<210> 1

<211> 64

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: ALTR with identical repeats and identical linkers

<220>

<221> misc\_feature

<222> (25)..(27)

<223> Linker sequence where N represents A, G, C, or T

<220>

<221> misc\_feature

<222> (28)..(37)

<223> DNA insert where N represents A, G, C, or T

<220>

<221> misc\_feature

<222> (38)..(40)

<223> Linker Sequence where N represents A, G, C, or T

<400> 1

aggtaggttag gtaggttaggt aggtnnnnnnn nnnnnnnnnn acctacctac ctacctacct 60  
acct 64

<210> 2

<211> 64  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: ALTR with  
identical repeats and different linkers

<220>

<221> misc\_feature

<222> (25)..(27)

<223> Linker Sequence where N represents A, G, C, or T

<220>

<221> misc\_feature

<222> (28)..(37)

<223> DNA insert where N represents A, G, C, or T

<220>

<221> misc\_feature

<222> (38)..(40)

<223> Linker Sequence where N represents A, G, C, or T

<400> 2

aggtaggttag gtaggttaggt aggtnnnnnnn nnnnnnnnnn acctacctac ctacctacct 60  
acct 64

<210> 3

<211> 64

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: ALTR with two  
types of ALTR repeats and different linkers

<220>

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<222> (25)..(27)

<223> Linker Sequence where N represents A, G, C, or T

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<222> (28)..(37)

<223> DNA insert where N represents A, G, C, or T

<220>

<221> misc\_feature

<222> (38)..(40)

<223> Linker Sequence where N represents A, G, C, or T

<400> 3

aggtaggttag gtaggttaggt aggtnnnnnnn nnnnnnnnnn gatggatgga tggatggatg 60  
gatg 64

<210> 4

<211> 34

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Repeat A

<400> 4

acgcagctcg tgtaatacga ctgcgatgcc tccc 34

<210> 5

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer A

<400> 5

cgcagctcgt gtaatacgac tc 22

<210> 6

<211> 34

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Repeat B

<400> 6

atgcatgctc agtggtgctg agtaacagcc tggg 34

<210> 7

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer B

<400> 7

ggctgttact cagcaccact ga

22

<210> 8

<211> 75

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Left side of  
ALTR vector

<220>

<221> misc\_feature

<222> (69)..(75)

<223> Insert and polylinker sequences where N represents  
A, G, C, or T

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acgcagctcg tgtaatacga ctgcatgcc tcccacgcag ctggtgtaac acgactcgca 60  
tgctcccn nnnnn

75

<210> 9

<211> 75

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Right side of  
ALTR vector

<220>

<221> misc\_feature

<222> (1)..(7)

<223> Insert and Polylinker Sequences where N represents  
A, G, C, or T

<400> 9

nnnnnnnggg atgcatgctc agtgggtgctg agtaacagcc tgggatgcat gtcagtgg 60  
gctgagtaac agcct

75